

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : CANON INC

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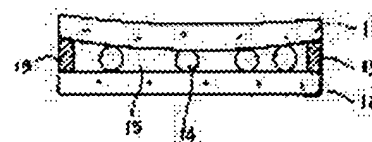
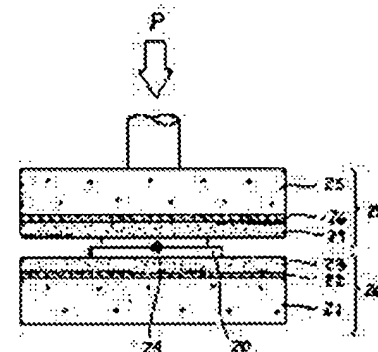
(54) MANUFACTURE OF ELECTROOPTIC ELEMENT

(57)Abstract:

PURPOSE: To obtain uniform cell thickness by injecting liquid material which causes an electrooptic change into the injection opening of a cell formed by sealing the circumferential part of a couple of electrode plates arranged at a specific interval, and then fixing sealing material to the injection opening while pressing the electrode plates.

CONSTITUTION: This press-contacting device consists of a stage 24 which has a heater 22 and buffer material 23 such as sponge on a support plate 21 made of metal such as stainless steel and aluminum and a pressing means 28 which has a heater 26 and buffer material 27 such as sponge on a pressure plate 25 made of metal such as stainless steel and aluminum. When the

injection opening of the liquid-crystal cell 20 is sealed, pressure P is applied to the pressing means 28 and then the sealing material 29 is fixed to the insertion opening. Then, the liquid-crystal cell 20 wherein an inner spacer 14 and liquid crystal 15 are sealed is formed in the space formed of the substrates 11 and 12 and sealing material 13.



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